

### Leave-In Hair Balm for Ethnic Hair - 1044

Ingredient	Function	Percent	Wgt (g)	Wgt (oz)	Vol (tsp.)
<b>Phase A</b>					
Distilled Water (aqua)		76.60	183.84	6.48	36.77
Behentrimonium (behentrimonium chloride, 2-porpanol)		1.00	2.40	0.08	0.48
Sorbitol (sorbital)		1.00	2.40	0.08	0.48
<b>Phase B</b>					
CreamMaker CAT (behentrimonium methosulfate, cetearyl alcohol)		3.00	7.20	0.25	1.44
Jojoba Oil, Organic (Simmondsia Chinensis [Jojoba] seed oil)		3.00	7.20	0.25	1.44
Cetyl Alcohol (cetyl alcohol)		3.00	7.20	0.25	1.44
Cocoa Butter, Cert. Organic (Theobroma cacao [Cocoa butter])		2.00	4.80	0.17	0.96
GelMaker EMU (sodium acrylate / sodium acryloyldimethyl taurate copolymer, isohexadecane, polysorbate 80)		2.00	4.80	0.17	0.96
<b>Phase C</b>					
Cyclo-Dimethicone (cyclomethicone, dimethicone)		2.00	4.80	0.17	0.96
Wheat Protein, Hydrolyzed (hydrolyzed wheat protein)		4.00	9.60	0.34	1.92
Provitamin B5 (d-panthenol, water)		1.00	2.40	0.08	0.48
Paraben-DU (propylparaben, methylparaben, diazolidinyl urea, propylene glycol)		1.00	2.40	0.08	0.48
Fragrance Mandarin Berry		0.30	0.72	0.03	0.14
Citric Acid (citric acid)		0.10	0.24	0.01	0.05

#### Method

Add phase A into a heat resistant glass beaker and heat to 150oF/65oC until the behentrimonium is melted. Add phase B into another heat resistant glass beaker and heat to the same temperature. Add phase B then to phase A and stir well to form an emulsion. Remove from the heat and cool to 120F/49C. Add cyclo-dimethicone and stir well. Then add all the remaining ingredients while stirring well after each ingredient. Adjust the ph value to 4-5.5 with citric acid. If necessary the viscosity can be adjusted with GelMaker EMU.

#### Properties

Hair Balm with emollients such as coco-butter, jojoba oil and cyclo-dimethicone to provide softness and moisture to ethnic hair. Wheat protein penetrates the hair shaft, repairs and moisturizes and provitamin b5 nourishes the hair.